

# NATIONAL TRANSPORTATION SAFETY BOARD PILOT/OPERATOR AIRCRAFT ACCIDENT/INCIDENT REPORT

**This form to be used for reporting civil and public aircraft accidents and incidents**

## BASIC INFORMATION

### Accident/Incident Location

Nearest City/Place: Loveland State: CO

ZIP: 80538 Country: USA

Latitude: 40.4534936 Longitude: -105.0088752

(Enter in decimal degrees or degrees:minutes:seconds)

### Accident/Incident Date/Time

Date: 08/19/2024 Local Time: 7:45 PM  
mm/dd/yyyy

Time Zone: Mountain

Collision with Other Aircraft: ☐ Midair ☐ On-ground ☒ None

## AIRCRAFT INFORMATION

Registration Number: N4490R

Manufacturer: Cessna

Model: A185F

Serial Number: 18502790

Year of Manufacture: 1976

Amateur-Built: ☐ Yes ☐ No If Yes: ☐ Kit/Plans ☐ Original Design Make: \_\_\_\_\_

☒ IFR-Equipped and Certified

☐ Commercial Space Flight

☐ Unmanned Aircraft

Maximum Gross Weight: 3350 lbs

Weight at Time of Accident/Incident: 2760 lbs

Number of Seats: 4 Flight Crew Seats: 2

Cabin Crew Seats: 0 Passenger Seats: 2

Number of Engines: 1

### Category of Aircraft

- ☒ Airplane  
☐ Balloon  
☐ Blimp/Dirigible  
☐ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift  
☐ Rocket  
☐ Ultralight  
☐ Unknown

### Type of Airworthiness Certificate

(Check all that apply)

#### Standard

- ☒ Normal  
☐ Restricted  
☐ Aerobatic  
☐ Limited  
☐ Balloon  
☐ Provisional  
☐ Commuter  
☐ Special Flight  
☐ Transport  
☐ Experimental  
☐ Utility  
☐ Special Light-Sport  
☐ Experimental Light-Sport

☐ Certificate of Authorization or Waiver (COA)  
☐ None ☐ Unknown

### Landing Gear

(Check all that apply)

☐ Retractable

- ☐ Tricycle ☒ Tailwheel  
☐ Amphibian ☐ High Skid  
☐ Emergency Float ☐ Skid  
☐ Float ☐ Ski  
☐ Hull ☐ Ski/Wheel  
☐ Other Launch/Recovery System  
☐ None ☐ Unknown

### Engine Type (Select one)

- ☒ Reciprocating ☐ Liquid Rocket  
☐ Turbo Shaft ☐ Solid Rocket  
☐ Turbo Prop ☐ Hybrid Rocket  
☐ Turbo Jet ☐ None  
☐ Turbo Fan ☐ Unknown  
☐ Electric

### Fuel System Type (Reciprocating)

☐ Carburetor ☒ Fuel-Injected

| Engine | Engine Manufacturer | Engine Model/Series | Manufacturer's Serial Number | Date of Mfg.<br>mm/dd/yyyy | Rated Power<br><input checked="" type="radio"/> Horsepower or<br><input type="radio"/> lbs of Thrust | Total Time<br>(hours) | Time Since:<br>Inspection<br>(hours) | Overhaul<br>(hours) |
|--------|---------------------|---------------------|------------------------------|----------------------------|------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------|---------------------|
| Eng. 1 | Continental         | IO520D24B           | 1042257                      | 04/25/2022                 | 300                                                                                                  | 33.3                  | 7.2                                  | 33.3                |
| Eng. 2 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |
| Eng. 3 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |
| Eng. 4 |                     |                     |                              |                            |                                                                                                      |                       |                                      |                     |

### Last Inspection Type

- ☐ 100-Hour ☐ Continuous Airworthiness  
☐ AAIP ☐ Conditional Inspection  
☒ Annual ☐ Unknown

Date Last Inspection: 08/07/24

mm/dd/yyyy

Airframe Total Time: 1670.2 hrs

hours measured at (Select one)

☒ Last Inspection ☐ Time of Accident/Incident

### Type of Maintenance Program (Select one)

- ☒ Annual  
☐ Conditional (Amateur-built only)  
☐ Manufacturer's Inspection Program  
☐ Other Approved Inspection Program (AAIP)  
☐ Continuous Airworthiness  
☐ Other, specify: \_\_\_\_\_

### Description of Fire Extinguishing System

- ☒ None  
☐ Specify: \_\_\_\_\_

### Propeller 1

- ☐ Fixed Pitch  
☒ Controllable Pitch  
☐ Ground Adjustable

Manufacturer: McCauley

Model: 2A34C58-NO

### Propeller 2

- ☐ Fixed Pitch  
☐ Controllable Pitch  
☐ Ground Adjustable

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

ELT Installed: ☒ Yes ☐ No

If Yes:

ELT Manufacturer: Artek

Model or Part No.: ELT 1000

TSO No.: ☐ C91 (121.5 MHz) ☐ C91a (121.5 MHz)  
☒ C126 (406 MHz)

Was ELT still mounted in aircraft? ☒ Yes ☐ No

Was ELT still connected to antenna? ☒ Yes ☐ No

Did ELT Activate? ☐ Yes ☒ No

If activated:

Did ELT Aid in Locating Aircraft? ☐ Yes ☒ No

If not activated:

- Indicate Reason: ☐ Impact Damage  
☐ Fire Damage  
☐ Battery Expired/Damaged  
☒ Unknown

### Additional Equipment (Check all that apply)

- ☒ ADS-B  
☐ Airframe Parachute  
☐ Angle of Attack Indicator  
☐ Autopilot  
☐ Data Recorder  
☒ Electronic Flight Bag or Handheld Device  
☐ Electronic Multifunction Display  
☐ Electronic Primary Flight Display  
☐ Handheld GPS  
☐ Heads Up Display  
☒ Onboard Weather  
☐ Satellite Tracking Device  
☒ Stall Warning System  
☐ Video Recording Device  
☐ Other, Specify: \_\_\_\_\_

**OWNER/OPERATOR INFORMATION****Registered Aircraft Owner**Name: Long, Kenneth WCity: LovelandState: CO ZIP: 80537Fractional Ownership Aircraft: ☐ Yes ☒ NoCountry: USA**Operator of Aircraft**☒ Same As Registered Owner☒ Same Address as Registered Owner

Name: \_\_\_\_\_

City: \_\_\_\_\_

Doing Business As: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Air Carrier/Operator Designator (4 Character Code): \_\_\_\_\_

Country: \_\_\_\_\_

**Operating Certificates Held**

(Check all that apply)

- ☐ None  
☐ Flag Carrier Operating Certificate (FAR 121)  
☐ Supplemental  
☐ Air Cargo  
☐ Foreign Air Carriers (FAR 129)  
☐ Rotorcraft External Load (FAR 133)  
☐ Commuter Air Carrier (FAR 135)  
☐ On-Demand Air Taxi (FAR 135)  
☐ Commercial Air Tour (FAR 136)  
☐ Agricultural Aircraft (FAR 137)  
☐ Pilot School (FAR 141)  
☐ Certificate of Authorization or Waiver (COA)  
☐ Commercial Space Transportation  
Experimental Permit  
☐ Commercial Space Transportation License  
☐ Other Operator of Large Aircraft

**Regulation Flight Conducted Under**

- ☒ FAR 91 ☐ FAR 129 ☐ OFAR 415  
☐ FAR 103 ☐ FAR 133 ☐ OFAR 431  
☐ FAR 121 ☐ FAR 135 ☐ OFAR 435  
☐ FAR 125 ☐ FAR 137 ☐ OFAR 437
- ☐ FAR 91 Special Flight  
☐ Non-US, Commercial  
☐ Non-US, Non-commercial
- ☐ Public Aircraft (Select one)  
☐ Armed Forces  
☐ Federal  
☐ State  
☐ Local  
☐ Unknown

**Revenue Operation for FAR 121, 125, 129, 135**

(Select one for each group)

- ☐ Scheduled or Commuter ☐ Domestic  
☐ Non-Scheduled or Air Taxi ☐ International
- ☐ Passenger  
☐ Cargo  
☐ Mail Contract Only

**Purpose of Flight for FAR 91, 103, 133, 137**

(Select one)

- ☐ Aerial Application ☐ Firefighting ☐ Unknown  
☐ Aerial Observation ☐ Flight Test  
☐ Air Drop ☐ Glider Tow  
☐ Air Race/Show ☒ Instructional  
☐ Banner Tow ☐ Other Work Use  
☐ Business ☐ Personal  
☐ Executive/Corporate ☐ Positioning  
☐ External Load ☐ Skydiving  
☐ Ferry

**Revenue Sightseeing Flight**☐ Yes ☒ No**Air Medical Flight**☐ Yes ☒ No**AIRPORT INFORMATION** (Fill in if accident/incident occurred on approach, landing, takeoff, departure, or within 3 miles of an airport)Airport Name: Northern Colorado Regional Airport

Distance From Airport Center: \_\_\_\_\_ sm

Airport Identifier: KFNL

Direction From Airport: \_\_\_\_\_ degrees true

Proximity to Airport: ☐ Off Airport/Airstrip ☒ On Airport/Airstrip ☐ N/AAirport Elevation: 5020 ft. msl**Runway Information**Runway ID: 6 (L/R/C) Length: 2189 ft Width: 40 ft**Runway/Landing Surface** (Check all that apply)

- ☒ Asphalt ☐ Grass/Turf ☐ Macadam ☐ Water  
☐ Concrete ☐ Gravel ☐ Metal/Wood  
☐ Dirt ☐ Ice ☐ Snow ☐ Unknown

**Condition of Runway/Landing Surface** (Check all that apply)

- ☒ Dry ☐ Snow-Compacted ☐ Water-Calm  
☐ Holes ☐ Snow-Crusted ☐ Water-Choppy  
☐ Ice Covered ☐ Snow-Dry ☐ Water-Glassy  
☐ Rough ☐ Snow-Wet ☐ Wet  
☐ Rubber Deposits ☐ Soft  
☐ Slush-Covered ☐ Vegetation ☐ Unknown

**Approach/Departure Segment** (Select one)

- ☐ Taxi ☐ VFR Departure ☐ On Instrument Approach ☐ Downwind ☐ Low Approach  
☐ Takeoff ☐ IFR Departure Procedure/Clearance ☒ Landing ☐ Base ☐ Go Around  
☐ Initial Climb ☐ Aborted Landing (after touchdown)  
☐ Crosswind ☐ Unknown

**IFR Approach** (Check all that apply)

- ☐ None  
☐ ADF/NDB ☐ PAR ☐ MLS ☐ Practice  
☐ SDF ☐ Sidestep ☐ LDA ☐ GPS  
☐ VOR/TVOR ☐ ILS ☐ ASR  
☐ VOR/DME ☐ Localizer Only ☐ Visual  
☐ TACAN ☐ LOC-back course ☐ Contact  
☐ RNAV ☐ Circling  
☐ Unknown

**VFR Approach** (Check all that apply)

- ☐ None  
☒ Traffic Pattern ☐ Stop and Go  
☐ Straight-In ☐ Touch and Go  
☐ Valley/Terrain Following ☐ Simulated Forced Landing  
☐ Go Around ☐ Forced Landing  
☒ Full Stop ☐ Precautionary Landing  
☐ Unknown

## "FLIGHT CREWMEMBER 1" INFORMATION

### "Flight Crewmember 1" Responsibilities at the Time of Accident/Incident

☒ Pilot
 ☐ Co-Pilot
 ☐ Student Pilot
 ☐ Flight Instructor
 ☐ Check Pilot
 ☐ Flight Engineer
 ☐ Other Flight Crew

"Flight Crewmember 1" was pilot flying ☒ Yes ☐ No

### "Flight Crewmember 1" Identification

First Name: Kenneth

City of Residence: Loveland

Middle Initial: W

State: CO ZIP: 80537

Last Name: Long

Country: USA

Age at time of Accident/Incident: 65 Date of Birth: [REDACTED] mm/dd/yyyy

Certificate Number: [REDACTED]

#### Degree of Injury

☒ None
 ☐ Fatal  
☐ Minor
 ☐ Unknown  
☐ Serious

#### Seat Occupied

☒ Left
 ☐ Front
 ☐ Unknown  
☐ Right
 ☐ Rear  
☐ Center
 ☐ Single

#### Restraint Type

##### Available

☐ None  
☐ Lap only  
☐ 3-point  
☒ 4-point  
☐ 5-point  
☐ Unknown

##### Used

☐ None  
☐ Lap only  
☐ 3-point  
☒ 4-point  
☐ 5-point  
☐ Unknown

#### Inflatable Restraints

☒ Not Installed  
☐ Installed  
☐ Not Deployed  
☐ Deployed  
☐ Unknown

#### Pilot Certificate(s) (Check all that apply)

☐ None
 ☐ Flight Instructor
 ☒ Commercial
 ☐ US Military  
☒ Private
 ☐ Recreational
 ☐ Airline Transport
 ☐ Foreign  
☐ Student
 ☐ Sport
 ☐ Flight Engineer

#### Principal Occupation

☐ Pilot  
☒ Other  
☐ Unknown

#### Medical Certificate

☐ None
 ☐ Class 3  
☒ Class 1
 ☐ Driver's License (Sport Pilot only)  
☐ Class 2
 ☐ Unknown

#### Medical Certificate Validity

☐ Without limitations/waivers
 ☐ Unknown  
☒ With limitations/waivers
 ☐ N/A  
☐ Special Issuance

#### Date of Last Medical

06/04/2024  
 mm/dd/yyyy

#### Medical Certificate Limitations

Not valid for any class after 6/30/2025

#### Medical Certificate Special Issuance

#### Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:

06/15/2024  
 mm/dd/yyyy

#### Flight Review Aircraft

Make: Piper

Model: PA28A

#### Airplane Rating(s)

(Check all that apply)  
☐ None  
☒ Single-Engine Land  
☐ Single-Engine Sea  
☐ Multiengine Land  
☐ Multiengine Sea

#### Other Aircraft Rating(s)

(Check all that apply)  
☐ None  
☐ Airship  
☐ Balloon  
☒ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift

#### Instrument Rating(s)

(Check all that apply)  
☒ None  
☐ Airplane  
☐ Helicopter  
☐ Powered Lift

#### Instructor Rating(s)

(Check all that apply)  
☒ None  
☐ Airplane Single-Engine  
☐ Airplane Multi-Engine  
☐ Gyroplane  
☐ Powered Lift  
☐ Instrument Airplane  
☐ Instrument Helicopter  
☐ Helicopter  
☐ Glider  
☐ Sport

#### Type Ratings

#### Student Endorsements (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  | 6,222        | 9                 | 1,222                  |                      | 30    |            | 15        |            | 5,000  |                  |
| Pilot in Command (PIC)                                      | 6,188        | 9                 | 1,194                  |                      |       |            |           |            | 4,994  |                  |
| Time as Instructor                                          | 2,500        |                   |                        |                      |       |            |           |            | 2,500  |                  |
| This Make/Model                                             |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days                                                | 22           | 9                 | 22                     |                      |       |            |           |            |        |                  |
| Last 30 Days                                                | 10           | 9                 | 10                     |                      |       |            |           |            |        |                  |
| Last 24 Hours                                               |              |                   |                        |                      |       |            |           |            |        |                  |

**"FLIGHT CREWMEMBER 2" INFORMATION****"Flight Crewmember 2" Responsibilities at the Time of Accident/Incident**

☐ Pilot ☐ Co-Pilot ☐ Student Pilot ☒ Flight Instructor ☐ Check Pilot ☐ Flight Engineer ☐ Other Flight Crew

**"Flight Crewmember 2" was pilot flying** ☐ Yes ☒ No

**"Flight Crewmember 2" Identification**

First Name: Eric

City of Residence: Erie

Middle Initial: R

State: CO ZIP: 80516

Last Name: Trigg

Country: USA

Age at time of Accident/Incident: 67 Date of Birth: mm/dd/yyyy

Certificate Number: mm/dd/yyyy

**Degree of Injury**

☒ None ☐ Fatal  
☐ Minor ☐ Unknown  
☐ Serious

**Seat Occupied**

☐ Left ☐ Front ☐ Unknown  
☒ Right ☐ Rear  
☐ Center ☐ Single

**Restraint Type****Available**

☐ None  
☐ Lap only  
☐ 3-point  
☒ 4-point  
☐ 5-point  
☐ Unknown

**Used**

☐ None  
☐ Lap only  
☐ 3-point  
☒ 4-point  
☐ 5-point  
☐ Unknown

**Inflatable Restraints**

☒ Not Installed  
☐ Installed  
☐ Not Deployed  
☐ Deployed  
☐ Unknown

**Pilot Certificate(s)** (Check all that apply)

☐ None ☒ Flight Instructor ☒ Commercial ☐ US Military  
☐ Private ☐ Recreational ☒ Airline Transport ☐ Foreign  
☐ Student ☐ Sport ☐ Flight Engineer

**Principal Occupation**

☐ Pilot  
☐ Other  
☐ Unknown

**Medical Certificate**

☐ None ☐ Class 3  
☐ Class 1 ☐ Driver's License (Sport Pilot only)  
☐ Class 2 ☐ Unknown

**Medical Certificate Validity**

☐ Without limitations/waivers ☐ Unknown  
☐ With limitations/waivers ☐ N/A  
☐ Special Issuance

**Date of Last Medical**

02/05/2024  
mm/dd/yyyy

**Medical Certificate Limitations**

Basic Med, no limitations

**Medical Certificate Special Issuance****Date of Last Flight Review or Equivalent, Including FAR 121/135 Checks:**

10/27/2023  
mm/dd/yyyy

**Flight Review Aircraft**

Make: Cessna

Model: 120

**Airplane Rating(s)**  
(Check all that apply)

☐ None  
☒ Single-Engine Land  
☐ Single-Engine Sea  
☒ Multiengine Land  
☐ Multiengine Sea

**Other Aircraft Rating(s)**  
(Check all that apply)

☐ None  
☐ Airship  
☐ Balloon  
☒ Glider  
☐ Gyroplane  
☐ Helicopter  
☐ Powered Lift

**Instrument Rating(s)**  
(Check all that apply)

☐ None  
☒ Airplane  
☐ Helicopter  
☐ Powered Lift

**Instructor Rating(s)**  
(Check all that apply)

☐ None ☒ Instrument Airplane  
☒ Airplane Single-Engine ☐ Instrument Helicopter  
☒ Airplane Multi-Engine ☐ Helicopter  
☐ Gyroplane ☐ Glider  
☐ Powered Lift ☐ Sport

**Type Ratings**

B-737, BE300, BE1900, CL-65, EMB120, FK-100

**Student Endorsements** (Include dates)

| Flight Time (Enter appropriate number of hours in each box) | All Aircraft | This Make & Model | Airplane Single Engine | Airplane Multiengine | Night | Instrument |           | Rotorcraft | Glider | Lighter Than Air |
|-------------------------------------------------------------|--------------|-------------------|------------------------|----------------------|-------|------------|-----------|------------|--------|------------------|
|                                                             |              |                   |                        |                      |       | Actual     | Simulated |            |        |                  |
| Total Time                                                  | 25000+       | 2000              | 5000                   | 20000+               |       |            |           |            | 57     |                  |
| Pilot in Command (PIC)                                      | 20000+       | 2000              | 5000                   |                      |       |            |           |            |        |                  |
| Time as Instructor                                          | 200          |                   | 100                    |                      |       |            |           |            |        |                  |
| This Make/Model                                             |              |                   |                        |                      |       |            |           |            |        |                  |
| Last 90 Days                                                | 30           | 8                 |                        |                      |       |            |           |            |        |                  |
| Last 30 Days                                                | 10           | 8                 |                        |                      |       |            |           |            |        |                  |
| Last 24 Hours                                               | 3            | 3                 |                        |                      |       |            |           |            |        |                  |

| ADDITIONAL FLIGHT CREWMEMBERS (Exclusive of cabin crew, complete the following information)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                |                                                                                                                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Crew Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |                                                                                                                                                     |                                                                                                                                                                       | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            | <b>Injury</b>                                                                                                                                                                                                                  |                                                                                                                                                                   |  |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |                                                                                                                                                     |                                                                                                                                                                       | <input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                            | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                     |                                                                                                                                                                   |  |
| <b>Pilot Certificate(s)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student               </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport               </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer               </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign               </div> </div> |  |  |                                                                                                                                                     |                                                                                                                                                                       | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> <div style="flex: 1;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> </div> |                                                                                                                                                                                                                            | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown |                                                                                                                                                                   |  |
| <b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  | <b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs                                                                           |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                |                                                                                                                                                                   |  |
| <b>Crew Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |                                                                                                                                                     |                                                                                                                                                                       | <b>Seat Occupied</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                            | <b>Injury</b>                                                                                                                                                                                                                  |                                                                                                                                                                   |  |
| First Name: _____ City of Residence: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |                                                                                                                                                     |                                                                                                                                                                       | <input type="radio"/> Left <input type="radio"/> Front<br><input type="radio"/> Center <input type="radio"/> Rear<br><input type="radio"/> Right <input type="radio"/> Single<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                            | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown                                                                     |                                                                                                                                                                   |  |
| <b>Pilot Certificate(s)</b> (Check all that apply)<br><div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> None<br/> <input type="checkbox"/> Private<br/> <input type="checkbox"/> Student               </div> <div> <input type="checkbox"/> Flight Instructor<br/> <input type="checkbox"/> Recreational<br/> <input type="checkbox"/> Sport               </div> <div> <input type="checkbox"/> Commercial<br/> <input type="checkbox"/> Airline Transport<br/> <input type="checkbox"/> Flight Engineer               </div> <div> <input type="checkbox"/> US Military<br/> <input type="checkbox"/> Foreign               </div> </div> |  |  |                                                                                                                                                     |                                                                                                                                                                       | <b>Restraint Type:</b><br><div style="display: flex;"> <div style="flex: 1;"> <b>Available</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> <div style="flex: 1;"> <b>Used</b><br/> <input type="radio"/> None<br/> <input type="radio"/> Lap Only<br/> <input type="radio"/> 3-point<br/> <input type="radio"/> 4-point<br/> <input type="radio"/> 5-point<br/> <input type="radio"/> Unknown               </div> </div> |                                                                                                                                                                                                                            | <b>Inflatable Restraints</b><br><input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown |                                                                                                                                                                   |  |
| <b>Type Rating/Endorsement for Accident/Incident Aircraft?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  | <b>Total Flight Time at the Time of this Accident/Incident:</b> _____ hrs                                                                           |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                |                                                                                                                                                                   |  |
| PASSENGER(S) / OTHER PERSONNEL (Include cabin crew; continue on separate sheet if necessary)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |                                                                                                                                                     |                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                |                                                                                                                                                                   |  |
| <b>Name and Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |  | <b>Seat</b>                                                                                                                                         | <b>Injury</b>                                                                                                                                                         | <b>Restraint Type</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                            | <b>Inflatable Restraints</b>                                                                                                                                                                                                   | <b>Age</b>                                                                                                                                                        |  |
| First Name: <u>WHITTLE</u> City: <u>BAYFIELD</u><br>Middle Initial: <u>T</u> State: <u>CO</u> ZIP: <u>81122</u><br>Last Name: <u>TRIGG</u> Country: <u>USA</u><br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input checked="" type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                |  |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input checked="" type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____ | <input checked="" type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown | <b>Available</b><br><input checked="" type="radio"/> None<br><input checked="" type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                         | <b>Used</b><br><input type="radio"/> None<br><input checked="" type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |  |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                        |  |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____            | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown            | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                               | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown            | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |  |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                        |  |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____            | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown            | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                               | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown            | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |  |
| First Name: _____ City: _____<br>Middle Initial: _____ State: _____ ZIP: _____<br>Last Name: _____ Country: _____<br><div style="display: flex; justify-content: space-around; margin-top: 5px;"> <input type="radio"/> Crew    <input type="radio"/> Passenger    <input type="radio"/> Other           </div>                                                                                                                                                                                                                                                                                                                                                                        |  |  | <input type="radio"/> Left<br><input type="radio"/> Center<br><input type="radio"/> Right<br><input type="radio"/> Unknown<br>Row: _____            | <input type="radio"/> None<br><input type="radio"/> Minor<br><input type="radio"/> Serious<br><input type="radio"/> Fatal<br><input type="radio"/> Unknown            | <b>Available</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown                                                                                                                                                                                                                                                                                                                                                                                               | <b>Used</b><br><input type="radio"/> None<br><input type="radio"/> Lap Only<br><input type="radio"/> 3-point<br><input type="radio"/> 4-point<br><input type="radio"/> 5-point<br><input type="radio"/> Unknown            | <input type="checkbox"/> Not Installed<br><input type="checkbox"/> Installed<br><input type="checkbox"/> Not Deployed<br><input type="checkbox"/> Deployed<br><input type="checkbox"/> Unknown                                 | <input type="checkbox"/> Under 5 years<br>If Under 5,<br><input type="radio"/> Child Restraint<br><input type="radio"/> Lap-Held<br><input type="radio"/> Unknown |  |

## FLIGHT ITINERARY INFORMATION

|                                                                                                                                    |                                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Last Departure Point</b><br>Airport ID: <u>KBJC</u><br>City: <u>Broomfield</u><br>State: <u>Colorado</u><br>Country: <u>USA</u> | <b>Time of Departure</b><br>Time: <u>7:28PM</u><br>Time Zone: <u>Mountain</u> | <b>Destination</b><br>Airport ID: <u>KFNL</u><br>City: <u>Loveland</u><br>State: <u>Colorado</u><br>Country: <u>USA</u> | <b>Type Flight Plan Filed</b><br><input checked="" type="radio"/> None <input type="radio"/> VFR/IFR<br><input type="radio"/> Company VFR <input type="radio"/> IFR<br><input type="radio"/> Military VFR <input type="radio"/> Unknown<br><input type="radio"/> VFR<br>Activated? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Type of ATC Clearance/Service (Check all that apply)

|                                          |                                      |                                      |                                               |                                       |
|------------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Special VFR | <input type="checkbox"/> Special IFR | <input type="checkbox"/> VFR Flight Following | <input type="checkbox"/> Cruise       |
| <input type="checkbox"/> VFR             | <input type="checkbox"/> IFR         | <input type="checkbox"/> VFR On Top  | <input type="checkbox"/> Traffic Advisory     | <input type="checkbox"/> Unknown / NA |

### Airspace where the accident/incident occurred (Check all that apply)

|                                  |                                          |                                                         |                                                   |                                                          |
|----------------------------------|------------------------------------------|---------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Class A | <input type="checkbox"/> Class G         | <input type="checkbox"/> Military Operations Area (MOA) | <input type="checkbox"/> Special                  | <b>Altitude of In-Flight Occurrence:</b><br>_____ ft msl |
| <input type="checkbox"/> Class B | <input type="checkbox"/> Demo Area       | <input type="checkbox"/> Airport Advisory Area          | <input type="checkbox"/> Air Traffic Control Area |                                                          |
| <input type="checkbox"/> Class C | <input type="checkbox"/> Warning Area    | <input type="checkbox"/> Jet Training Area              | <input type="checkbox"/> Unknown                  |                                                          |
| <input type="checkbox"/> Class D | <input type="checkbox"/> Prohibited Area | <input type="checkbox"/> TRSA                           |                                                   |                                                          |
| <input type="checkbox"/> Class E | <input type="checkbox"/> Restricted Area | <input type="checkbox"/> FAR 93                         |                                                   |                                                          |

## WEATHER INFORMATION AT THE ACCIDENT/INCIDENT SITE

### Source of Pilot Weather Information

(Check all that apply)

|                                                             |                                          |
|-------------------------------------------------------------|------------------------------------------|
| <input type="checkbox"/> National Weather Service           | <input type="checkbox"/> Company         |
| <input type="checkbox"/> Flight Service Station             | <input type="checkbox"/> Military        |
| <input type="checkbox"/> TV/Radio                           | <input type="checkbox"/> Internet        |
| <input type="checkbox"/> Automated Report                   | <input checked="" type="checkbox"/> None |
| <input type="checkbox"/> Commercial Weather Service (DUATS) | <input type="checkbox"/> Unknown         |
| <input type="checkbox"/> On-Board Weather                   |                                          |

### Weather Observation Facility

Facility ID: \_\_\_\_\_  
 Observation Time: \_\_\_\_\_  
 Time Zone: \_\_\_\_\_  
 Distance from Accident Site: \_\_\_\_\_ nm  
 Direction from Accident Site: \_\_\_\_\_ degrees true

### Basic Conditions

☒ VMC  
☐ IMC  
☐ Unknown

### Light Condition

☐ Dawn ☐ Dusk ☐ Dark Night ☐ Unknown  
☒ Day ☐ Night ☐ Bright Night

### Sky/Lowest Cloud Condition

☒ Clear ☐ Thin Broken  
☐ Few ☐ Thin Overcast  
☐ Partial Obscuration ☐ Unknown  
☐ Scattered

### Lowest Cloud Condition Height

\_\_\_\_\_ ft agl

### Ceiling

☒ None (Clear) ☐ Obscured  
☐ Broken ☐ Indefinite  
☐ Overcast ☐ Unknown

### Ceiling Height

\_\_\_\_\_ ft agl

Temperature: \_\_\_\_\_ (C) or 85+ (F)

Dew Point: \_\_\_\_\_ (C) or \_\_\_\_\_ (F)

Altimeter Setting: \_\_\_\_\_ in. Hg  
 or \_\_\_\_\_ MB

### Wind Direction

☒ Variable  
 -or-  
 Direction: 120 degrees true

### Wind Speed

☐ Calm  
☐ Light and Variable  
 -or-  
 Speed: 10 kts

### Wind Gusts

☐ Not Gusting  
 -or-  
 Speed: \_\_\_\_\_ kts

### Visibility

\_\_\_\_\_ miles  
 RVR: \_\_\_\_\_ feet  
 RVV: \_\_\_\_\_ miles  
 Density Altitude: \_\_\_\_\_ ft

### Intensity of Precipitation

☐ Light  
☐ Moderate  
☐ Heavy  
☐ N/A  
☐ Unknown

### Type of Precipitation (Check all that apply)

|                                       |                                       |                                             |
|---------------------------------------|---------------------------------------|---------------------------------------------|
| <input type="checkbox"/> None         | <input type="checkbox"/> Drizzle      | <input type="checkbox"/> Freezing Rain      |
| <input type="checkbox"/> Rain         | <input type="checkbox"/> Ice Pellets  | <input type="checkbox"/> Snow Shower        |
| <input type="checkbox"/> Snow         | <input type="checkbox"/> Snow Pellets | <input type="checkbox"/> Ice Pellets Shower |
| <input type="checkbox"/> Hail         | <input type="checkbox"/> Snow Grains  | <input type="checkbox"/> Freezing Drizzle   |
| <input type="checkbox"/> Rain Showers | <input type="checkbox"/> Ice Crystals |                                             |

### Restriction to Visibility (Check all that apply)

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Fog        |
| <input type="checkbox"/> Blowing Dust    | <input type="checkbox"/> Ground Fog |
| <input type="checkbox"/> Blowing Sand    | <input type="checkbox"/> Haze       |
| <input type="checkbox"/> Blowing Snow    | <input type="checkbox"/> Ice Fog    |
| <input type="checkbox"/> Blowing Spray   | <input type="checkbox"/> Smoke      |
| <input type="checkbox"/> Dust            | <input type="checkbox"/> Unknown    |

### Icing Forecast

| Amount                                | Type                          |
|---------------------------------------|-------------------------------|
| <input checked="" type="radio"/> None | <input type="radio"/> N/A     |
| <input type="radio"/> Trace           | <input type="radio"/> Rime    |
| <input type="radio"/> Light           | <input type="radio"/> Clear   |
| <input type="radio"/> Moderate        | <input type="radio"/> Mixed   |
| <input type="radio"/> Severe          | <input type="radio"/> Unknown |
| <input type="radio"/> Unknown         |                               |

### Icing Actual

| Amount                                | Type                          |
|---------------------------------------|-------------------------------|
| <input checked="" type="radio"/> None | <input type="radio"/> N/A     |
| <input type="radio"/> Trace           | <input type="radio"/> Rime    |
| <input type="radio"/> Light           | <input type="radio"/> Clear   |
| <input type="radio"/> Moderate        | <input type="radio"/> Mixed   |
| <input type="radio"/> Severe          | <input type="radio"/> Unknown |
| <input type="radio"/> Unknown         |                               |

### Turbulence

| Type (Check all that apply)                    | Severity                          |
|------------------------------------------------|-----------------------------------|
| <input checked="" type="checkbox"/> None       | <input type="checkbox"/> Light    |
| <input type="checkbox"/> Clear Air             | <input type="checkbox"/> Moderate |
| <input type="checkbox"/> Terrain-Induced       | <input type="checkbox"/> Severe   |
| <input type="checkbox"/> Convective Turbulence | <input type="checkbox"/> Extreme  |

### NOTAMs (D and FDC), AIRMETs, SIGMETs, PIREPs in effect at the time of the accident/incident:

Runway 15/33 was closed for maintenance.

**DAMAGE TO AIRCRAFT AND OTHER PROPERTY****Aircraft Damage**

- ☐ None      ☒ Substantial  
☐ Minor      ☐ Destroyed  
                 ☐ Unknown

**Aircraft Fire**

- ☒ None      ☐ Both Ground and In-Flight  
☐ In-Flight      ☐ Fire at Unknown Time  
☐ On-Ground      ☐ Unknown

**Aircraft Explosion**

- ☒ None      ☐ Both Ground and In-Flight  
☐ In-Flight      ☐ Explosion at Unknown Time  
☐ On-Ground      ☐ Unknown

**Description of Damage to Aircraft and Other Property** *(Use additional sheet if necessary)*

All damage was related to the aircraft entering a ground loop. Significant damage to the right side of the aircraft including the exhaust, fuselage, right wing especially outboard of the strut, right aileron and wing tip. The right landing gear was completely torn off. A small tear in the fuselage skin aft of the passenger door. Significant dents (buckling) of the Right fuselage. Right elevator damage. Damage to fuselage belly including dents, ripped off antennas. Lower cowl was damaged with dents and deformities. Propeller is bent and engine stopped due to sudden impact with the ground. Propeller spinner was dented in. Tailcone and tail fuselage area damaged and tailwheel stinger was not oriented correctly after accident. There was minor damage to the left side of the aircraft including a small deformity in the fuselage I believe above the baggage door area. The left wing appears completely undamaged.

**NARRATIVE HISTORY OF FLIGHT** *(Please type or print in ink)*

Describe what occurred in chronological order, including circumstances leading to and nature of accident/incident. Describe terrain and include wreckage distribution sketch if pertinent. Attach extra sheets if needed. State departure time and location, services obtained, and intended destination. Provide as much detail as possible.

We, myself, my instructor and his nephew departed KBJC for KFNL just before 7:30PM local time after a new altitude encoder was installed in my aircraft. It was a short duration uneventful flight of around 20 minutes. We did not obtain any services. I was flying the plane. As we were approaching KFNL Eric, my instructor was alerted via NOTAM and later via an X on the runway the the normal 15/33 runway was closed. An ops crew on the ground at KFNL made a radio call also stating the runway was closed. Eric asked via radio if the 06/24 runway was open. The ops crew on the ground said it was but advised caution likely because it is a shorter and narrower runway. I indicated to Eric I wasn't real comfortable with this as I had never landed on that runway. He said it would be OK and advised me to enter a left crosswind for 6 based on the wind which seemed to be moderate out of the Southeast at that time. I complied and noticed I was getting low in the pattern. I corrected for the altitude with power and flying a tight pattern. I went through the checklist and planned on a full flaps landing. Eric advised crossing the runway threshold at 60 knots due to the short length. I hadn't done this before but I did cross the threshold at that speed or close to it at a shallow angle. I flared and attempted to arrest the decent and keep the aircraft straight. After touchdown the aircraft bounced higher than I had experienced before. What happened next happened very quickly and I am not completely certain about it. I thought I felt Eric on the controls trying to salvage the landing. Immediately after the next touchdown which followed almost immediately we were off the runway to the left with a steep nose down angle. I thought the plane may flip over on its back which it didn't but it did get vertical. When we stopped I shutdown the master and asked if everyone was alright and if they were injured. Eric and Whit, his nephew said they were fine with no injuries. I then worked on getting the fuel shutoff which involved pulling the fuel shutoff knob up which was stiff and insuring the tank selector was on a single tank and not both to avoid cross feeding fuel from the upper left to the now lower right wing. I noted that the ELT horn was not sounding but decided not to turn the master back on and listen on the radio for safety reasons. I exited the plane from my door. Eric and Whit then exited my door as it was the only one that could be used as the passenger door was blocked by the ground. Again I checked to make sure they were ok and uninjured. They said they were fine. We then on our own started around the plane and surveyed the damage. I noticed fuel leaking out of the right wing fuel caps and vent. The ops crew that had been working on the closed runway arrived shortly after that. I let them know about the fuel leak and that I was concerend about it being a safety matter. They called a fire crew and the NTSB and likely others. Eventually there were many people there including the airport director and 6 or more firefighters. All of them were professional, kind and helpful. I was directed to talk on someones phone to the NTSB which I did. They asked me to describe what happened and if there were any mechanical problems with the aircraft that could have contributed. I said there was not. They asked what caused the accident and I said human error. I asked if I needed to call the FAA and the NTSB person said they would alert the FAA and I wouldn't need to. That person also told me that the plane was being released to move and there would be no need to quarantine it. Not knowing what would happen to the plane I asked the emergency personnel if I could get personal items off the plane which was granted. There were discussions about moving the aircraft right away as the runway we were possibly causing a partial blockage to was used primarily as a taxiway for large jets to get from their hangars to the 15/33 runway. I indicated I wasn't comfortable moving the plane quickly as it could be damaged further. They called a local salvage company who felt the same so it was decided it would be moved the next day.

There was no wreckage pattern perse. There were a few small bits torn from the aircraft but they were all next to or touching the fuselage.

**RECOMMENDATION (How could this accident/incident have been prevented?)**

## Operator/Owner Safety Recommendation

I feel this could have been prevented several different ways. First and foremost I should have insisted that Eric do the landing as I did not feel comfortable with it. It was the last flight of the day and everyone wanted to get home. That may have played a role too. I should have trusted my gut more. Also I feel if we had taken more time to discuss options we may have made a different decision, possibly land somewhere else. I needed more experience and a higher proficiency level to have landed safely on that runway with the conditions that existed at the end of a long day.

**MECHANICAL MALFUNCTION/FAILURE (If more space is needed, continue on separate sheet)**Was there Mechanical Malfunction/Failure? ☐ Yes ☒ No

(If yes, list the name of the part, manufacturer, part no., serial no., and describe the failure.)

Total Time/Cycles  
On Part

\_\_\_\_\_ Hours

\_\_\_\_\_ Cycles

Time Since This Part  
Inspected/Overhauled

\_\_\_\_\_ Hours

**FUEL & SERVICES INFORMATION**

## Fuel on Board at Last Takeoff

(Convert from pounds, as necessary)

62 Gallons

## Fuel Type

☐ 80/87☐ 115/145☐ Jet B☐ Other, specify \_\_\_\_\_☒ 100 Low Lead☐ Jet A☐ JP8☐ 100/130☐ Jet A-1☐ Automotive

## Other Services, if Any, Prior to Departure

**EVACUATION OF AIRCRAFT**Was an emergency evacuation of the aircraft performed? ☒ Yes ☐ No

Method of Exit – Describe how the occupants exited and how many occupants evacuated each location

3 OCCUPANTS EXITED THROUGH THE PILOT DOOR AS THE PASSENGER DOOR WAS NOT OPERABLE DUE TO THE AIRCRAFTS POSITION RELATIVE TO THE GROUND AS THE RIGHT LANDING GEAR HAD BEEN TORN OFF.

**OTHER AIRCRAFT – COLLISION (If air or ground collision occurred, complete this section for other aircraft)**

Aircraft Registration Number

Manufacturer: \_\_\_\_\_

Model: \_\_\_\_\_

Damage to Other Aircraft

☐ Destroyed☐ Minor☐ Substantial☐ None

## Registered Owner of Other Aircraft

Name: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

## Pilot of Other Aircraft

Name: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Country: \_\_\_\_\_

**ADDITIONAL INFORMATION (Please type or print in ink)**

Use this space if additional space is needed for any answers.

As I know it may be a goal of the investigation to assign blame I want to make some unsolicited comments on Eric's behalf. I feel Eric Trigg is a highly qualified and excellent instructor. His knowledge and skill in tailwheel aircraft especially Skywagons is immense and he enjoys sharing that with others. I believe we have both learned things from this that we will apply in the future to make us better pilots. I would not hesitate to recommend him to others or fly with him again. The flying world will be a better place if Eric keeps instructing others like myself. Sometimes due to human factors and everything aligning correctly something like this can happen. I do not blame Eric for this and I hope you don't either.

**I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE**

**Date of this Report**

\_\_\_\_\_  
mm/dd/yyyy

**Name of Pilot/Operator:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

-- or -- ☐ Check here to electronically sign this document

**If a Person Other than Pilot/Operator is Filing Report**

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

-- or -- ☐ Check here to electronically sign this document

**FOR NTSB USE ONLY**

**NTSB Accident/Incident No.**  
CEN24LA321

**Reviewed by NTSB Regional Office**  
Central Region Office (CEN)

**Name of Investigator**  
Michael J. Hodges

**Date Report Received**  
08/23/2014